LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121018\
Data File : VW007361.D
Acq On : 10 Dec 2018 16:45
Operator : SY/AP
Sample : J6297-05
Misc : 5.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E40

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	69	75	86	rBV2	17074	39377	8.86%	1.324%
2	3.391	242	244	248	rBV	129	150	0.03%	0.005%
3	4.007	335	345	359	rBV	51346	166511	37.47%	5.598%
4	4.281	385	390	391	rBV	165	237	0.05%	0.008%
5	4.397	400	409	415	rBV4	660	2025	0.46%	0.068%
6	4.659	450	452	453	rBV4	143	108	0.02%	0.004%
7	4.836	479	481	483	rBV	164	191	0.04%	0.006%
8	5.165	533	535	536	rVB	186	127	0.03%	0.004%
9	5.251	547	549	551	rBB	158	124	0.03%	0.004%
10	5.293	552	556	558	rBB	140	137	0.03%	0.005%
11	5.348	562	565	566	rBV	130	124	0.03%	0.004%
12	5.391	571	572	575	rBV	86	116	0.03%	0.004%
13	5.738	625	629	630	rBV	86	138	0.03%	0.005%
14	5.818	640	642	643	rBB	167	122	0.03%	0.004%
15	5.934	654	661	662	rBV2	1328	2414	0.54%	0.081%
16	6.031	675	677	680	rBV	77	120	0.03%	0.004%
17	6.123	690	692	695	rBB	139	190	0.04%	0.006%
18	6.293	713	720	723	rBV2	141	311	0.07%	0.010%
19	6.500	750	754	757	rBB	146	232	0.05%	0.008%
20	6.549	761	762	764	rBB	182	126	0.03%	0.004%
21	6.592	765	769	771	rBV2	239	241	0.05%	0.008%
22	6.696	784	786	788	rBB	156	131	0.03%	0.004%
23	6.732	788	792	796	rBV2	169	308	0.07%	0.010%
24	6.872	813	815	816	rBB2	182	112	0.03%	0.004%
25	6.939	824	826	828	rBB	157	124	0.03%	0.004%
26	7.019	835	839	840	rBV	166	187	0.04%	0.006%
27	7.074	841	848	856	rBV2	10273	29738	6.69%	1.000%
28	7.269	879	880	882	rVB	153	103	0.02%	0.003%
29	7.427	901	906	907	rBV	363	430	0.10%	0.014%
30	7.647	932	942	953	rVB	78904	195136	43.91%	6.561%
31	8.195	1031	1032	1035	rBV	200	158	0.04%	0.005%
32	8.275	1035	1045	1062	rVV2	152591	444400	100.00%	14.942%
33	8.445	1072	1073	1077	rVB	298	237	0.05%	0.008%
34	8.525	1084	1086	1088	rBV2	220	206	0.05%	0.007%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E40

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Title : VOC Analysis

35	8.573	1093	1094	1096	rBV2	189	119	0.03%	0.004%
36	8.628	1100	1103	1108	rBB	182	336	0.08%	0.011%
37	8.842	1129	1138	1148	rBV	152951	295630	66.52%	9.940%
38	9.031	1165	1169	1173	rBB2	656	878	0.20%	0.030%
39	9.079	1176	1177	1180	rBV	235	181	0.04%	0.006%
40	9.274	1201	1209	1218	rBV	98710	195288	43.94%	6.566%
41	9.439	1235	1236	1238	rBV	135	102	0.02%	0.003%
42	9.488	1242	1244	1246	rVV	155	127	0.03%	0.004%
43	9.537	1250	1252	1254	rBB	148	134	0.03%	0.005%
44	9.652	1269	1271	1274	rBB	266	249	0.06%	0.008%
45	9.756	1286	1288	1291	rBB	117	149	0.03%	0.005%
46	9.817	1296	1298	1302	rBB	181	177	0.04%	0.006%
47	9.890	1308	1310	1312	rBV	169	182	0.04%	0.006%
48	10.036	1326	1334	1342	rBB	50343	90263	20.31%	3.035%
49	10.122	1346	1348	1350	rBV	115	113	0.03%	0.004%
50	10.213	1359	1363	1367	rBV	420	627	0.14%	0.021%
51	10.323	1374	1381	1389	rBV	218510	380876	85.71%	12.806%
52	10.579	1417	1423	1431	rVB	33230	56108	12.63%	1.886%
53	10.646	1432	1434	1436	rBB	166	129	0.03%	0.004%
54	10.707	1438	1444	1449	rBV	3127	5520	1.24%	0.186%
55	10.927	1474	1480	1498	rVB	43687	81283	18.29%	2.733%
56	11.634	1590	1596	1605	rVB	182550	304311	68.48%	10.232%
57	12.329	1707	1710	1711	rBV	151	175	0.04%	0.006%
58	12.445	1727	1729	1730	rBV	133	114	0.03%	0.004%
59	12.469	1730	1733	1737	rVB2	468	601	0.14%	0.020%
60	12.615	1748	1757	1763	rBV2	8902	14710	3.31%	0.495%
61	12.695	1763	1770	1777	rVB	72490	116007	26.10%	3.900%
62	12.768	1778	1782	1784	rBB	157	164	0.04%	0.006%
63	12.804	1785	1788	1790	rBB	183	118	0.03%	0.004%
64	12.932	1806	1809	1815	rVB2	2172	3012	0.68%	0.101%
65	13.072	1831	1832	1834	rBV2	131	112	0.03%	0.004%
66	13.158	1844	1846	1850	rBV2	183	315	0.07%	0.011%
67	13.219	1850	1856	1860	rVB3	1785	2707	0.61%	0.091%
68	13.298	1865	1869	1874	rVB3	1582	2649	0.60%	0.089%
69	13.377	1877	1882	1888	rBV	17906	28500	6.41%	0.958%
70	13.475	1895	1898	1901	rBV	525	779	0.18%	0.026%
71	13.560	1906	1912	1920	rVV	160809	255446	57.48%	8.589%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : F9E40

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Title : VOC Analysis

72	13.761	1942	1945	1950	rVB3	558	759	0.17%	0.026%
73	13.804	1950	1952	1954	rVB3	168	104	0.02%	0.003%
74	13.859	1954	1961	1968	rBV	143349	235751	53.05%	7.926%
75	13.956	1975	1977	1983	rBB2	358	430	0.10%	0.014%
76	13.999	1983	1984	1987	rBV	153	177	0.04%	0.006%
77	14.078	1992	1997	2002	rBV2	4295	6759	1.52%	0.227%
78	14.139	2006	2007	2011	rBV	82	121	0.03%	0.004%
79	14.206	2015	2018	2022	rBV	191	266	0.06%	0.009%
80	14.341	2034	2040	2043	rVV5	477	932	0.21%	0.031%
81	14.377	2043	2046	2049	rVB2	264	331	0.07%	0.011%
82	14.420	2050	2053	2056	rBV	133	173	0.04%	0.006%
83	14.487	2062	2064	2066	rBB	107	106	0.02%	0.004%
84	14.560	2074	2076	2079	rBV	149	188	0.04%	0.006%
85	14.603	2081	2083	2085	rVV	354	306	0.07%	0.010%
86	14.700	2095	2099	2100	rBB	238	230	0.05%	0.008%
87	14.743	2102	2106	2111	rVB2	420	463	0.10%	0.016%
88	14.877	2123	2128	2130	rBV	219	273	0.06%	0.009%
89	14.908	2132	2133	2137	rBV2	211	253	0.06%	0.009%
90	14.938	2137	2138	2140	rVB	201	103	0.02%	0.003%
91	15.164	2172	2175	2176	rVB	185	144	0.03%	0.005%
92	15.182	2176	2178	2181	rBV	144	118	0.03%	0.004%
93	15.316	2196	2200	2202	rBV	157	234	0.05%	0.008%
94	15.365	2205	2208	2209	rBV	339	391	0.09%	0.013%
95	15.450	2217	2222	2227	rBV3	1161	1932	0.43%	0.065%
96	15.560	2236	2240	2242	rBV	191	221	0.05%	0.007%
97	15.682	2256	2260	2263	rVB	227	350	0.08%	0.012%
98	15.712	2263	2265	2267	rBV	265	240	0.05%	0.008%
99	16.157	2336	2338	2340	rVB	195	143	0.03%	0.005%
100	16.182	2340	2342	2343	rBV	222	170	0.04%	0.006%

Sum of corrected areas: 2974250

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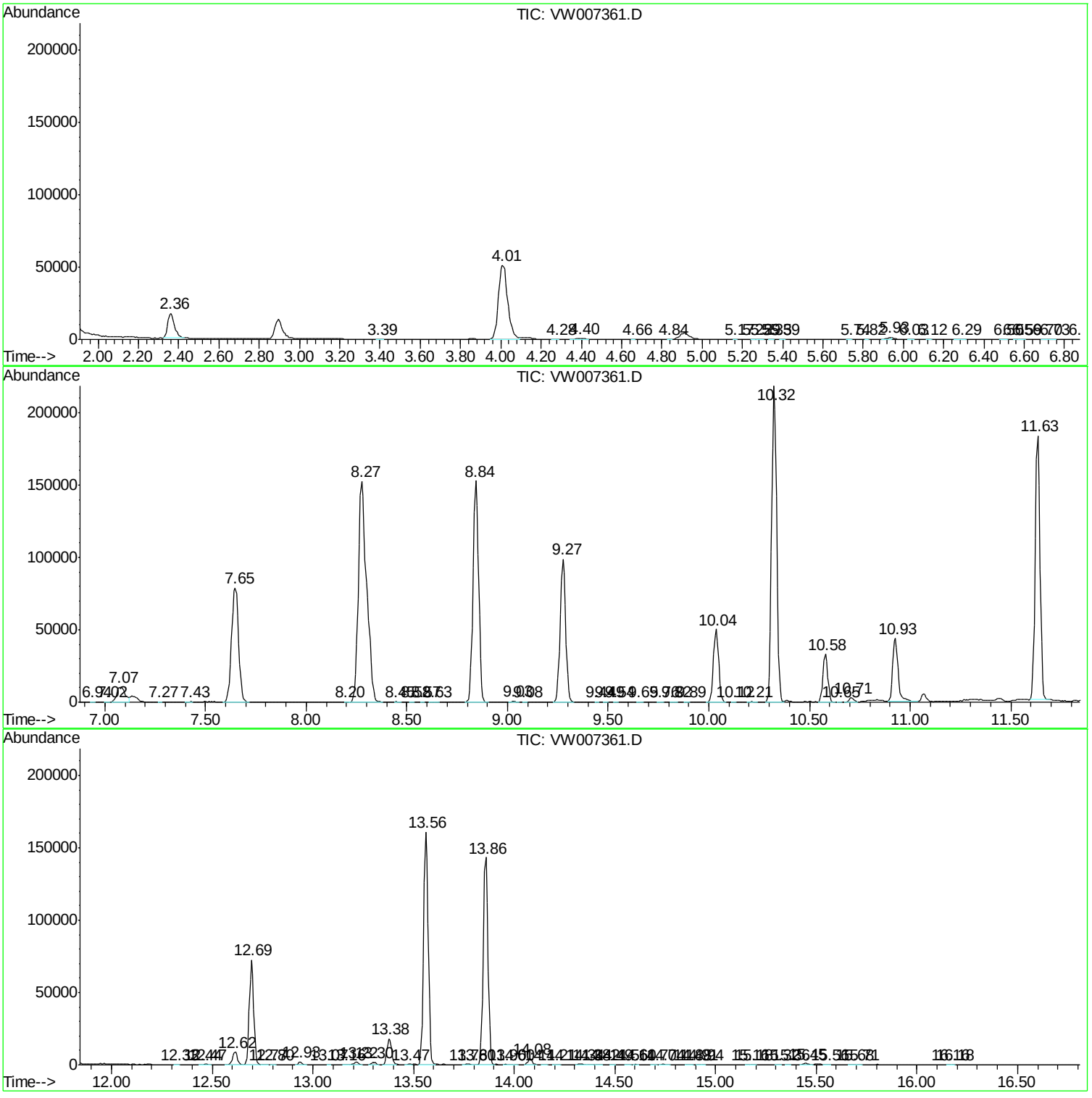
MSVOA_W
ClientSampleId :
F9E40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121018\
Data File : VW007361.D
Acq On : 10 Dec 2018 16:45
Operator : SY/AP
Sample : J6297-05
Misc : 5.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

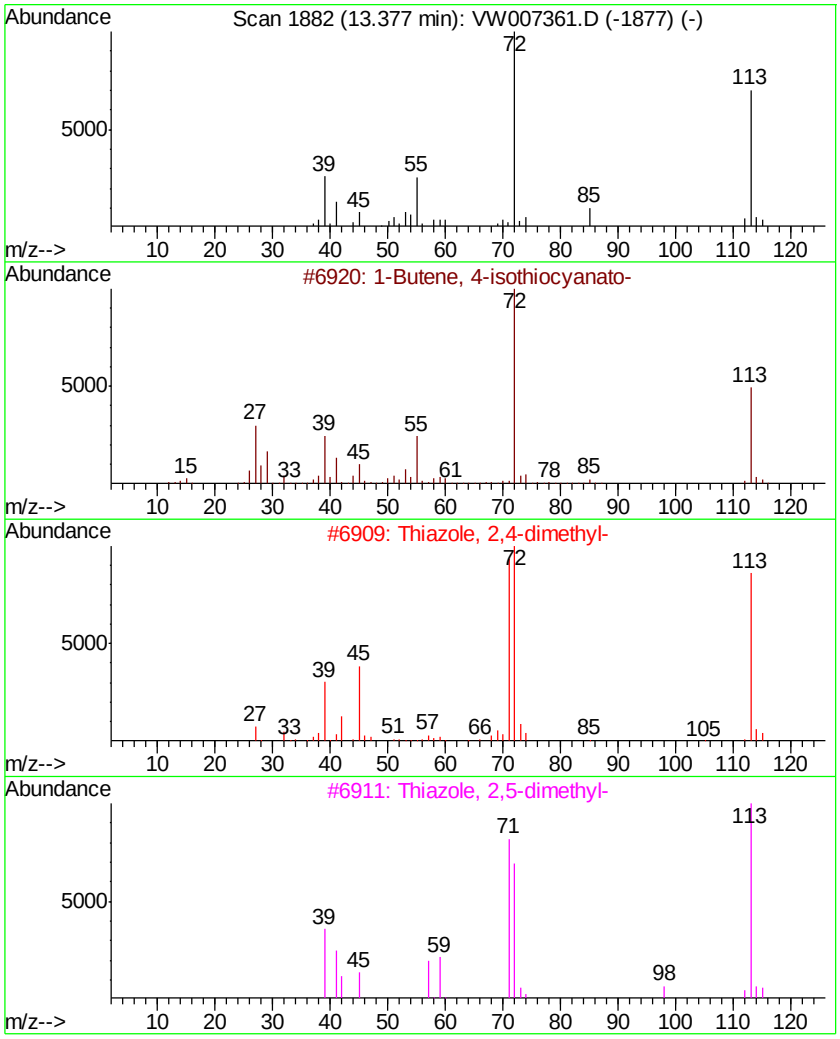
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

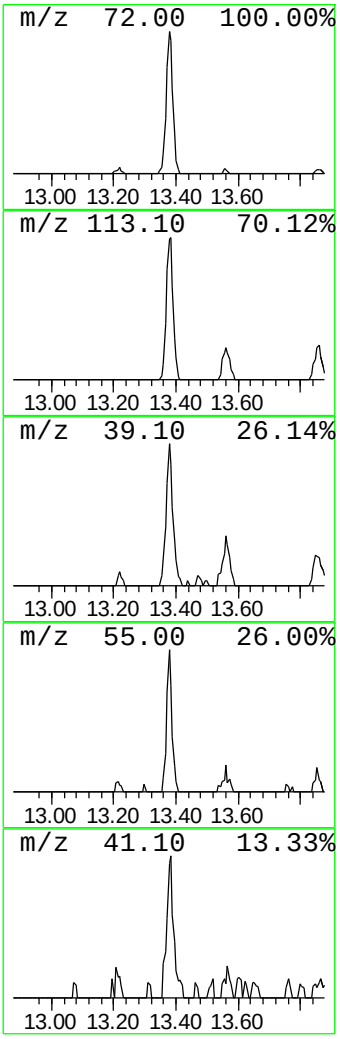
****

Peak Number 3 1-Butene, 4-isothiocyanato- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.79 ug/L	28500	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 4-isothiocyanato-	113	C5H7NS	003386-97-8	86
2	Thiazole, 2,4-dimethyl-	113	C5H7NS	000541-58-2	56
3	Thiazole, 2,5-dimethyl-	113	C5H7NS	004175-66-0	43
4	Thiazole, 2,4-dimethyl-	113	C5H7NS	000541-58-2	38
5	Thiazole, 2,4-dimethyl-	113	C5H7NS	000541-58-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121018\
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Butene, 4-isoth...	13.38	2.8	ug/L	28500	3	13.56	255446	25.0